

Marco Antonio Palomera

472 S Rall Ave
La Puente, CA 91746
Home Phone (626) 330-7640
Work Phone (323) 269-2280
E-Mail: palovillage@hotmail.com

Objective: To obtain an internship in the field of Mechanical Engineering with a company that will expand my technical skill set.

Education

California State University, Los Angeles
Expected Graduation Date: June 2005
Bachelor of Science in Mechanical Engineering
Overall GPA 2.7

Experience

03/01- Pres

Jet Propulsion Laboratory (JPL)
Research Project "Inflatable Antenna"
California State University, Los Angeles.
Directly responsible for designing, building, and testing inflatable tubes using aluminum for the antenna's membrane. Placing orders for equipment. Execute and coordinate individual assignments as well as group assignments. Analyzed, calculated, and wrote the research data to be achieved and evaluated.

08/00-02/01

Pueblo Corporation
El Monte, California 91731
Customer and Product Sales Representative
Directly responsible for placing, confirmed and cancel Membership orders, handled general administrative duties such as filing, copying, answering phones, and effective customer service.

Activities

Society of Hispanic Professional Engineers (Executive Board Member).
HENAAC/ VIVA Technology Day (Participated as a coach at a Manual Arts High School)
MESA Prelims and MESA Day (Participated as volunteer)
MESA Engineering Program (MEP) (Member)

Skills

Bilingual (English and Spanish), Microsoft Word, Excel, PowerPoint, IDEAS, and AutoCAD 2000.

References

Available upon request

Summer emp
L# Dist

5402 Balboa Arms Drive Apt 401
San Diego, Ca 92117
Phone 858-492-9445
E-mail resteves@ucsd.edu

Rosalyn Esteves

- Objective** To obtain an internship in the field of Mechanical Engineering.
- Education** University of California, San Diego
Bachelor's of Science in Mechanical Engineering
 - Expected Graduation: June 2005
- Skills**
 - ♦ Programming Languages: C Programming and MatLab
 - ♦ Experienced with laboratory equipment: Digital Multimeter, Oscilloscope
 - ♦ Currently obtaining knowledge of SolidWorks, LabView, and Nastran
- Experience**
Human Powered Vehicle Team (Land Version)
 - Currently designing Recumbent Trike (Tadpole Model)
 - Researching component parts
- Organizations**
Member of:
American Society of Mechanical Engineers (ASME)
Society of Women Engineers (SWE)
Society of Hispanic Professional Engineers (SHPE)

*Send to #16
Gary (name)*

Ray J. Campos

7309 Eagle View Ave. NE
Albuquerque, New Mexico 87113
Home: (505) 821-1075
E-MAIL: rayc@unm.edu

Objective Mechanical engineer undergraduate student pursuing an internship or co-op position for the summer of 2004 with a respectable company that will allow for advancement and future placement.

Education 42 Credits, 1996/98 Nassau Community College Garden City, New York
12 Credits, 2001 University of Colorado Colorado Springs, Colorado
41 Credits, Present University of New Mexico Albuquerque, New Mexico
AAS Degree, 2003 Construction Technologies Community College of the Air Force
Cumulative GPA: 3.49 / 4.0

Skills

- Proficient in Pro/Engineer 2001, created mechanical parts from drawings and sketches.
- Highly skilled in AutoCAD 2002, routinely apply advanced CAD functions such as external references, attributes, layers, dimension styles, and raster images.
- Engineering knowledge, involved in cradle to grave process, from engineer design sketches to project management.
- Extensive experience in taking engineer design sketches and creating full-blown AutoCAD and Pro/Engineer projects.
- Knowledgeable with computer based software to include Microsoft Office programs (Word, PowerPoint, Excel, Direct CD Creator, and Scan Station).
- Fluent in Spanish, experience mediating between contractors and engineers.

Experience

CAD Technician

U.S. Air Force

Schriever AFB, Colorado

1998-2003

- Section trainer for engineering technicians; foremost trainer for all AutoCAD practices.
- Singularly took on a high visibility construction project involving the partial demolition of a temporary building, produced detailed construction drawings, performed vital facility surveys and consulted with various engineers from different disciplines in order to finalize the project.
- Lead draftsmen for Schriever AFB's 5 yr. Comprehensive plan locating 58 projects, to include future Military Construction (MILCON), Operations and Maintenance (O&M), and quality of life projects, estimated at over \$19 million.
- Created from scratch Schriever AFB's first and only 20 yr. Long Range plan, which involved the future sighting of major construction, well worth over \$110 million.
- Major role in completing 15 projects by end of the year deadline, fiscal year 2001, worth \$12.1 million.

Training

- Introduction to Mechanical Engineering, University of New Mexico, New Mexico.
- Introduction to Engineering Methods, University of New Mexico, New Mexico.
- AutoCAD 2000i Professional Level II, Design Tech., Colorado Springs, Colorado.
- AutoCAD 14 Professional Level II Training, CAD-1, Denver, Colorado.
- AutoCAD Map 3, Wittreich & Associates Inc., Westminster, Colorado.
- Engineering Apprentice Course, 484 hours of training in standard drafting practices, AutoCAD and land surveying, Department of Defense, Fort Leonard Wood, Missouri.

Roger Poon Kong

7515 SW 59th Ave. Apt #9
 South Miami, FL 33143
 305-662-7463
 ropoko@hotmail.com

OBJECTIVE

Solutions engineer with a mechanical background seeking employment in the field of reverse engineering to enhance current skills and obtain experience.

EDUCATION

2000 - Present

University of Miami, Coral Gables, Fl.
Bacholors of Science in Mechanical Engineering
Graduation December 2003

May 1983

Fatima College, Trinidad and Tobago, Port of Spain
O Level: CXC and GCE 5 subjects passed

RESEARCH PROJECTS

2002- Present

Model Knee

- Design of a frame for which researchers can test the movement of a human leg to experiment the flex and extension movement of the knee

Design Machinery Clamp

- Design and fabricate a part for a latex gloves testing machine, as a replacement for an existing part

Senior Design

- Designing a compression turbine device for producing alternate power In hydrogen engines

CPU Holder

- Project manager, consulted and assisted in the design and presentation of this device in all of the Information Technology computer labs.

WORK EXPERIENCE

2000- Present

University of Miami Information Technology

Dec 2003 – Lab Manager

- Train 40 user assistants in computer programs, policies and procedures
- Supervised the computer lab of 124 computers

2000-2002 - User Assistant

- Assist users of the lab on computer and program issues
- Maintained policies and procedures of Information Technology

Sept 1996 - Nov 1999

Powerlite Co. –Marketing and Sales Manager

- Enlisted and coordinated sales personnel for an Industrial and Commercial company which supplies equipment and tools

Dec 1985 - Jun1995

Cari's Home and Gift Shop- Sole Proprietor and Manager

- A small business that entails administrative, managerial, financial and marketing duties

ACTIVITIES

- University of Miami UM Ambassador- Vice President
- SHPE Member (Society of Hispanic Professional Engineers)
- Volunteer for UM Fun day
- UM Golf Club
- Certificate of Merit for computer lab user assistant – Fall 2002

17939 Glenledi Drive
Houston, TX 77084
504-914-8243
rhjarquin@yahoo.com

Rafael Jarquin

838 Lowerline Street
Apt # 6
New Orleans, La 70118

Education

Tulane University, New Orleans, LA
Bachelor of Science in Mechanical Engineering; May 2004

Loyola University New Orleans, New Orleans, LA
Bachelor of Science in Physics; May 2004
Loyola Academic Scholarship recipient

Experience

Mechanical Engineering Intern, Summer 2003

PPG Industries, Inc., Lake Charles, LA

Experienced daily work routine in an operating chemical plant. Understood the safety and environmental concerns and requirements. Participated in a supervised work group, set and achieved goals, provided routine status reports, attended meetings, interrelated with other engineers of the same and different disciplines. Accepted responsibility for assignments, learn company procedure for accessing information, Accepted instruction and gain diverse capability.

Assistant Manager, 2001- present

Starbucks Coffee, New Orleans, LA

Provide, coordinate and assure quality of customer service. Directly managed 5-9 employees. Coordinate money transactions and maintain store accounts. Receive and transfer inventory in store and between locations. Conduct inventory survey of store. Handle employee and customer queries.

Administrative Assistant, 2000-2003

New Orleans Adolescent Hospital, New Orleans, LA

Operated office in event of administrator's absence. Utilized computer skills for data entry. Initiated, updated and maintained files. Operated multi-line phone and voicemail systems. Delivered and retrieved packages and documents.

Assistant Manager, 1999-2001

Blockbuster Video, New Orleans, LA

Assisted the Store Manager in managing the store. Directly manage 3-8 employees. Interacted with customers to while providing service. Coordinated money transactions and maintained store accounts. Accepted and transferred inventory in store and between locations. Handled customer.

Intern, Summer 1999

Tulane University Physics Department, New Orleans, LA

Designed, constructed and analyzed non-linear electronic circuitry. Studied complex behavior of circuitry. Used an automatic, computer-controlled data system to test contemporary scientific theories.

Organization

Society of Hispanic Professional Engineers;

Vice President of External Affairs 2002-2004

Regional representative 2001-2002,

American Society of Mechanical Engineering: 2002-2004

Society of Physics Students: 1998-2004

Skills

Fluent in Spanish and English. Working knowledge of Microsoft Word, Microsoft Excel, Microsoft Power Point, Pro Engineer, Mathematica, C and Pascal programming languages and UNIX.

Courses taken in relation to physics and engineering include Basic Physics, Mathematical Physics I, Quantum Topics, Electronics, Thermal Physics, Calculus I, Calculus II, Calculus III, Differential Equations and Computer Programming: Structure and Design, Electromagnetic Theory, Classical Mechanics, Statics, Material Engineering, Computer Aid Engineering, Machine Elements, Fluid Mechanics, Probability and Statistics. Thermodynamics, Linear Dynamic Systems, Heat Transfer, Engineering Design, Control Systems, Quantum Mechanics, Accounting

Wendy Kuo
6008 N. 36th Lane
McAllen, TX 78504
(956) 648-5440
windykuo@yahoo.com

OBJECTIVE	Dedicated, reliable, and people oriented individual seeks an engineering related position.
EDUCATION	University of Texas—Pan American, Edinburg, TX Bachelor of Science in Mechanical Engineering Expected Graduation: December 2003 Cumulative GPA: 3.63/4.0
COURSE WORK	Engineering Graphics, Material Science, Introduction to Engineering, Statics, Dynamics, Mechanics of Solids, Manufacturing Processes, Thermodynamics, Electrical Systems, Measurements and Instrumentation, Fluid Mechanics, Heat Transfer, Kinematics and Dynamics of Machines, Mechanical Vibrations, Machine Elements
EXPERIENCE	NASA Ames Research Center Moffett Field, CA Summer Intern- June 1-August 9, 2002 Worked in Thermal Protections Systems Branch and worked with Pre-Ceramic Polymer and Filler Systems, development of higher temperature materials for use in engine applications, and oxidation and Arc Jet Testing were completed for higher temperature materials NASA Research in Science and Engineering Program Stanford University, Stanford, CA Research Assistant—June 20-August 3, 2001 Modeled Corvette using ADAMS/Car for the Dynamic Design Lab, emphasis given to the Suspension System, and compared Lateral Acceleration and Yaw Rate from ADAMS to Actual Vehicle Engineering Technician, June 26—August 15, 2000 Texas Department of Transportation, Pharr, Texas Analyzed And Prepared Contract Documents for Highway Construction, formed Liner Development for Highway Super Structures and Bridges, Aesthetics Relief for Retaining Wall Systems, and Alternative Paving Systems at Traffic Intersections
COMPUTER SKILLS	AutoCAD 14, Micro Station SE, MDI ADAMS, Microsoft Word and Excel, Lotus 123
HONORS AND ACTIVITIES	<ul style="list-style-type: none">• NASA Scholarship, Spring 2003—Present• Engineering Honor Society Spring-Fall 2003• Society of Automotive Engineers, Campus Chapter, 2001-2002• Society of Women Engineers, Campus Chapter, 2000-2001• Calculus and Physics Peer Tutor, 1999—2003• University of Texas-Pan American Engineering Scholarship, 1999— 2000• South Texas Valley Symphony, Fall 1999—Spring 2000

Chris L. Espinoza

Objective	I am interested in obtaining an internship with your company or organization.
Education	<p>Jan. 2002 – present University of Texas Pan American Edinburg, TX Mechanical Engineering / Mathematics</p> <ul style="list-style-type: none">▪ Expected Graduation Date: May 2004 <p>Sept. 1997–Dec. 2002 South Texas Community College McAllen, TX Mathematics Associates / Interdisciplinary Studies Associates</p> <p>Sept. 1993–May 1997 James “Nikki” Rowe High School McAllen, TX</p>
Awards received	Valley Scholars, Texas Scholars, Who’s Who Among American High School Students, Texas State Grant
Interests and activities	I am an active member of The Society of Hispanic Professional Engineers (SHPE) and The Society of Women Engineers (SWE). I am also a recent member of The American Society of Mechanical Engineers (ASME).
Languages	I can speak and write fluently in English and Spanish.
Related Work experience	<p>Jan 2001- Aug. 2002 South Texas Community College McAllen, TX Mathematics/Spanish Tutor</p> <ul style="list-style-type: none">▪ My duties as a tutor were to help and guide students with various types of subjects. The main subject was mathematics ranging from the developmental math courses to the more advanced ones like Calculus and Differential Equations. In addition to that I also aided in the tutoring of Spanish, Computers, English, Chemistry, and Biology. <p>Jan 1998- Dec 1998 South Texas Community College McAllen TX Mathematics Tutor</p> <ul style="list-style-type: none">▪ My duties as a mathematics tutor were to help and guide students in different areas of mathematics.

Marissa Borrego

P.O. Box 595
Edcouch, Texas 78538
(956) 262-3253 (956) 571-4965
Email: marcy47@hotmail.com

- Objective** To obtain employment in mechanical engineering
- Education** University of Texas-Pan American
Major: Mechanical Engineering
Expected Date of Graduation: December 2003
Number of hours: 149
Cumulative GPA: 3.715/4.0

Edcouch-Elsa High School
Date of Graduation: May 2000-Valedictorian
GPA: 99.698 out of 100
- Projects** **Senior Design Project** – Injection mold and molding process
- Designed a mold and molding process to align vapor grown carbon nanofibers (VGCNFs) in a liquid crystal polymer matrix
- Machine Elements** – Garage Door Analysis
- Calculated loads and selected materials accordingly
- Kinematics and Dynamics** – Coplanar Motion Synthesis
- Computed and designed possible solutions for coplanar motion using MathCAD and Working Model 2-D
- Experience** Summer Intern, General Motors Powertrain-Warren, MI
June 2003-August 2003
- Master Mechanics Department
 - Focused on quality issues in Valve Body and Subassembly
 - Involved in several projects to improve first time quality, increase throughput and reduce scrap
 - Gained valuable experience in a diverse, manufacturing environment
- Research Assistant, University of Texas-Pan American
January 2002-May 2003, September 2003-Present
- Conduct research in nanotechnology
 - Study mechanical, thermal, and electrical properties of VGCNF-reinforced polymers
 - Prepare samples and perform tests to check for enhanced properties
 - General knowledge of materials science and familiarity working in a research lab
- Special Skills** Fluent in reading, writing and speaking Spanish, Computer Literate: Microsoft Office, AutoCAD, MathCAD, Working Model 2D, LabView, Moldflow Plastics Insight
- Honors/Activities** Wal-Mart Competitive Edge Scholarship, University Scholars Scholarship, Jones Academic Endowed Scholarship, Ford Salute to Education, National Honor Society, Society of Hispanic Professional Engineers
- References** Available upon Request

OBED GALLEGOS

185 ROBINDALE RD, APT 401, BROWNSVILLE, TX 78521, (956) 551-6600
OBEDGALLEGOS@HOTMAIL.COM

OBJECTIVE

Capable, dynamic engineer seeks a challenging and rewarding career opportunity in mechanical or manufacturing engineering.

EDUCATION

1997–2003 University of Texas at Brownsville Brownsville, TX
■ **B.S., Mechanical Engineering Technology. – December 2003**
■ A.A.S, Mechanical Engineering Technology – December 2002.

1988 - 1992 Rivera High School Brownsville, TX
■ High School Diploma. – June 1992
■ Top 5% graduate (ranked No. 7 overall)

KEY COURSES

Computer Aided Design (I-DEAS), BASIC Computer Programming, Engineering Materials, Manufacturing Processes, Statics, Dynamics, Mechanics of Materials, Machine Design, Thermodynamics, Fluid Mechanics, LabVIEW Application, Robotics, Instrumentation & Control Systems, Experiment Design, Quality Assurance, Product & Process Design, Calculus I & II, Advanced Analytical Mathematics, Engineering Analysis, Probability & Statistics, Economics for Engineers.

EXPERIENCE

2001 – Present Brownsville Ind. School District Brownsville, TX
Computer Lab Manager
■ Manage network database with student records and information.
■ Provide instructional assistance to Title 1 students at private schools.
■ Monitor student progress by compiling reports.
■ Drive mobile technology van to participating schools.

2000 – 2001 RANCO North America Brownsville, TX
Engineering Assistant/Quality Assurance Auditor
■ Assisted tool engineer with research projects.
■ Inspected production of goods for quality assurance.
■ Maintained and updated equipment database for quality department.
■ Designed and modified quality assurance documents.
■ Received auditor training for ISO/QS9000 standards.

1999 - 2000 TeleService Resources San Antonio, TX

Spanish/International Customer Service Representative

- Provided American Airlines customers with flight and fare information
- Handled credit card sales for American Airlines customers.
- Handled lost baggage claims for American Airlines customers.

1998 – 1999 La-Glo Sign Company Brownsville, TX

Installation Technician

- Assembled and installed luminous signs for advertising purposes.
- Installed neon lighting at commercial establishments.

SKILLS IN DESIGN

- Knowledge of I-DEAS, AutoCAD, and ALGOR software. Trained in experimental design, project planning, and new product design analysis.

SKILLS IN MANUFACTURING

- Trained in PLC programming, robot programming and simulation, LabVIEW control systems, basic machining, CNC design, Quality Assurance ISO/QS9000, experience using measuring instrumentation.

COMPUTER SKILLS

- Proficient in microcomputer applications:
MS Word, Excel, Powerpoint, Access, Photo Editor, Picture It!, Internet Explorer, Front Page, and Outlook, and Windows NT Server.

AFFILIATIONS

- Member of the Society of Hispanic Professional Engineers (SHPE)
University of Texas at Brownsville Student Chapter

INTERESTS

Engineering science and technology, computer science, networking and programming, computer animation and graphics, web page creation, Internet applications, reading, and sports.

REFERENCES AVAILABLE UPON REQUEST.

Juan Albarrán

1802 South "D" Street
Rogers, AR 72756

Phone: (479) 236-0933
E-mail: jalbarr@uark.edu

Objective Obtain a full time job position in the field of Mechanical Engineering that will enhance my experience in engineering and at the same time contribute to the growth of a progressive engineering company.

Education **University of Arkansas**
Bachelor of Science in Mechanical Engineering
Cumulative GPA: 3.43
Expected date of graduation: December 2003

Work experience **Plastic Ingenuity Inc. Maumelle, Arkansas**
June 2002 – December 2002

Mechanical Engineering Intern

- Acquired skills necessary for effective project management.
- Engineered new devices and created mechanical systems with MAC valves to adjust the flow of compressed air through plastic thermo formers to improve the safety of production workers
- Acquired skills to become more proficient with VersaCAD and AutoCAD software
- Completed several projects that required installation of industrial equipment
- Acquired knowledge to operate drill press, milling machine, feed wire welding equipment and plasma cutter in a machine shop.

Tyson Foods, Inc. Bentonville, Arkansas
June 2000 – December 2000

Human Resource Translator

- Increased relations with team members by closing the gap between management and production team members.
- Encouraged minority team members to participate in company's activities.
- Improved conflict resolutions skills by working with team members and human resources regarding personnel issues
- Improved communications skills by interacting with diverse group of team members.

Computer Skills

- MS Word
- MS Excel – Visual Basic
- AutoCAD 2000
- VersaCAD

Language Skills

- Capable of speaking Spanish and English fluently.

Awards received

- 2001-2003 Hispanic Scholarship Fund Ford Motor Company scholarship recipient

Honors Activities

- Member of the Honorary Mechanical Engineering Fraternity Pi Tau Sigma.

Extracurricular Activities

- 2000 - 2002, Secretary of the Society of Hispanic Professional Engineers (SHPE) of the University of Arkansas Chapter.
- Member of the Lockheed Martin team for RISAS: The HENAAC College Bowl, for two consecutive years, HENAAC 2001 and HENAAC 2002.

ROSA M. SANDOVAL

5741 Tulane St. San Diego, CA 92122
Phone: (323) 893-0053 E-mail: rsandovalucsd@hotmail.com

OBJECTIVE: To obtain an intern position in mechanical engineering design within a growth oriented, progressive company where new ideas are welcome and decision-making is required.

EDUCATION

Bachelor of Science, Mechanical Engineering
University of California, San Diego

Area of Specialization: Design
Expected Graduation: June 2004

RELEVANT EXPERIENCE

Research Assistant Dept. Mechanical & Aerospace Engineering, UCLA Summer 2002
Researched to explore techniques and applications of the most currently used image compression algorithm, JPEG 2000.

Research Assistant Dept. Mechanical & Aerospace Engineering, UCSD 01/02-06/02
Conducted study to improve the accuracy of magnetic position sensor for a virtual reality medical device. Used data to estimate tissue stiffness properties of human patients.

Research Assistant Dept. Mechanical & Aerospace Engineering, UCSD Summer 2001
Calculated a static analysis of the distinct forces applicable to a tensegrity structure. Developed approach that enabled identification of all forces applied to the system without individual computation of each.

Course Project Dept. Mechanical & Aerospace Engineering, UCSD Winter 2001
Constructed a mechanical robot to deposit plastic books into a model of UCSD campus library for in class competition.
For further details please visit: <http://www.mae.ucsd.edu/mae3/winter2001/mae3wn16/www/>

WORK EXPERIENCE

Workshop Facilitator Math Science Tutorial Program 08/01-Present
Teach entering students the material reviewed in Calculus courses. Responsible for lesson plans and evaluation materials to improve student's comprehension of course concepts.

Translator/Clerk Dept. Visual Arts UCSD 10/00-09/02
Translated publications from Spanish to English and vice versa for documentary art pieces. In addition, was responsible for management and storage of research documents.

SKILLS

- Knowledge in Matlab6.1, AutoCAD2000, LabView6.1, and MS Office Suite 95/97/2000
- Currently obtaining working knowledge of NASTRAN, SolidWorks, and Pro/Engineer
- Hands on experience with digital oscilloscopes, drill presses, mills, lathes, band and table saws
- Good interpersonal communication skills, enthusiastic, self-motivated, fast-learner, and team player
- Fluent in English and Spanish

LEADERSHIP, ACTIVITIES, HONORS, & AWARDS

- Society of Hispanic Professional Engineers Vice-President Internal 06-03/Present
- Society of Hispanic Professional Engineers Publicity Recruitment Chair 09-01/06-03
- American Society of Mechanical Engineers Human Powered Vehicle Design Team member 06-03/Present
- Mentor for OASIS Study tables, Expand Your Horizons Conference, & SHPEmates 09-02/Present
- University of California Leadership Excellence thru Advanced Degrees Scholar 2001-2003
- HENAAC- Placed first in College Bowl Competition 10/2002
- Faculty Mentor Program 01/02-05/02

* U.S. Citizen

Humberto Guerrero Jr.
Hgj21@hotmail.com
33 Beto Guerrero Ln.
Rio Grande City, Texas 78582
(956) 533-4912, (956) 487-4608

Objective:

To obtain a summer internship, CO-OP, or permanent job to express my creativity, my engineering skills and to gain experience in Mechanical Engineering.

Education:

School: University of Texas – Pan American
Major: Mechanical Engineering
Classification: Senior
Graduation Date: May 2004
GPA: 2.6
Senior Design Project: To design a multi – flow meter calibration system
Courses interested: Fluid Mechanics, Thermodynamics, Heat Transfer, Finite Element Analysis

Skills:

- Bilingual (Spanish / English)
- Excel, Word, Power Point
- AutoCAD 2000
- Pro/Engineer (ProE)
- MathCAD
- MatLab
- Visual Nastran
- Lab View
- Working Model

Experience:

Math Tutor

- Subjects Tutored: College Algebra, Trigonometry, Pre-Calculus, Calculus I & II

Reynolds International L.P.

- Job Duties: Machine heavy machinery parts according to the schematic.

Eulalio Aguilar Land Surveying

- Job Duties: Designing the portion of land surveyed

Activities:

College Activities

- Member of Society Hispanic Professional Engineers (SHPE)
- Member of American Society of Mechanical Engineers (ASME)

Community Service

- Helped a colonia to bring water into their homes

Victor Xavier Salazar
1222 S. Doe St.
San Juan, TX 78589

vsalazar1@panam.edu
Home: (956) 787-0625
Cell: (956) 451-3142

OBJECTIVE

Seeking a competitive, challenging, fast-paced internship for Summer 2004 in Mechanical/ Manufacturing Engineering. Willing to relocate.

EDUCATION

University of Texas-Pan American
Graduation: May 2005

Senior/Bachelor of Science in Mechanical Engineering
Cumulative GPA: 3.33 / 4.00 Engineering GPA: 3.80 / 4.00

COURSES

Materials Science, Graphics Design, Fluid Mechanics, Mechanics of Solids, Measurements and Instrumentation of Mechanical Systems, Heat Transfer, Composite Material Design, and Kinematics and Dynamics of Machines.

EXPERIENCE

Best Buy McAllen, TX July 2001-Present
Product Specialist in Personal Computers and Home Office.
Retail experience in a fast-paced environment. Consult families and small businesses on several products to benefit their lifestyles. Recommend products through my knowledge of hardware and software for computers. Help train new employees with my experience. Make many decisions on a day to day basis regarding customers and fellow employees.

PROJECTS

Drag Force Coefficient Project April 2003
Group leader for this project. Project was accomplished with a wind tunnel. Plot was made from data from the book and data recorded. Calculation of Reynolds's Number was found using data.

Solar Panel Project September 2003-Present
Class Project to heat water and improve design of solar panels. Use thermocouples and thermistor to calculate temperature of the panels. Working with a group to obtain a Lab View program for this part of the project.

COMMUNITY SERVICE

HESTEC Solar Powered Car and Windmill Competition Mentor September 2003
Working closely with three different high schools in order to promote Science and Engineering. Helping the students understand concepts as far as gear trains, solar panels, and fluid dynamics.

SKILLS

Languages: English and Spanish

Material Testing: Rockwell Hardness Tester, Micro-hardness tester, Light Microscope, Scanning Electron Microscope, Tensile Tester, Charpy Impact Tester, Hydraulic Tensile Tester, DSC, DMA.

Heat Transfer Testing: Conduction Heat Transfer Unit, Free and Forced Convection Unit, Thermal Radiation Unit.

Computer Software: Lab View, Microsoft Office, Maple V.5, Working Model 2-D, Pro-Engineer 2001, Pro Desktop 2002, PSPICE, Pascal Programming, C++, MATLAB, Math Cad and Composites Pro.

HONORS

August 2001 -Present	United Methodist Southern Counsel Scholarship, University Scholar Scholarship
February 2003	Southwestern Bell Scholarship
May 2003 – Present	Dean's List – First Honors
August 2003	Engineering Scholarship, Lockheed-Martin Scholarship*

ACTIVITIES

August 2002-Present	Society of Hispanic Professional Engineers
August 2003-Present	Recruiter for SHPE, American Society of Mechanical Engineers.

Heriberto Villalobos

P.O. Box 52371
McAllen, TX 78505

Phone : (956)581-7657
E-mail : hvillaloboz@panam.edu

Objective Obtain an internship that enhances my expertise in mechanical engineering and utilizes my variety of computer and leadership skills.

Education 2002 to 2003 University of Texas Pan American Edinburg, TX

- **GPA** 2.9, excepted graduation date May 2006
- Sophomore in U.T.P.A. / Major- **Mechanical Engineering**

Work experience Americorps: Youth Harvest 2001-2002
Student Employee

- Completed+ 900 hours of community service. To complete these hours I cleaned parks, organized clothes drives, and helped out in housing authorities.

Summer of 2002 21st Century Mission, TX
Teacher Assistant

- Worked with kids ages 6-12 in the Leal Elementary summer program of 21st Century.

Activities Volunteered in the Rio Grand Valley Food Bank, sorting, packing, and managing stacks of donated food items.

Professional memberships Member since 2001
American Society of Mechanical Engineers (Secretary)

Member since 2001
Society of Automotive Engineers

Member since 2001
Society of Hispanic Professional Engineers

College Courses Currently Taking Fall of 2003

- Engineering Graphics, Thermodynamics, Pro-Engineer

Languages Fluent in Spanish

Nubia Vanessa Madrid

Permanent Address

12384 E. Arkansas Place
Aurora, CO 80012
(303) 751-4587
n.madrid@umiami.edu

Local Address

61 Edgewater Drive
Apt. # 1
Coral Gables, FL 33133
(305) 725-0078

OBJECTIVE

To obtain a summer internship in the field of mechanical engineering that will enhance my knowledge and provide valuable experience.

EDUCATION

Bachelors of Science in Mechanical Engineering, Aerospace Concentration

University of Miami – Coral Gables, FL
May 2004, Cumulative G.P.A. 3.205

EXPERIENCE

Dean's Office

Student Assistant

- Responsible for monthly financial reconciliation, faxing, copying, file organization, phone reception, mailings, and research data compilation.
- Performed database management, computer work, word and e-mail processing.

UM College of Engineering
August 2001-present

Seakr Engineering, Inc.

Mechanical/Manufacturing Department Intern

- Created thermal database in MS Excel on electrical components.
- Completed spreadsheet that calculated reaction of bolts and the margin of safety.
- Conducted vibrational analysis and environmental stress screening on the black box chassis.
- Responsible for creating travelers on cables and panels and finding appropriate tooling for products.
- Updated product information on MANEX.
- Designed vibrations fixture for SSP and circuit card extractor for C-17.

Centennial, CO
May-August 2002

Daniels Fund

Summer Associate

- Served as peer mentor in several college prep workshops.
- Completed research and data compilation for the Grants Department.
- Oversaw workshop logistics for the Scholarship Department.

Denver, CO
June-August 2001

SKILLS

Microsoft Office – Access, Excel, PowerPoint, Word
AutoCAD/Pro-Engineering/Mechanical Desktop
Languages- Spanish, French, learning Arabic
Trained in Electro-Static Discharge

MANEX
Crystal Reports
Maple/Mathematica/MatLab

HONORS AND ACTIVITIES

Henry King Stanford Academic Scholarship
Society of Hispanic Professional Engineers (SHPE)
United Dominicans Association (secretary, V. P)
Dominican Awareness Week Coordinator
College of Engineering Dean's Dozen
American Institute of Aeronautics & Astronautics (V.P)

Coca Cola Scholar
Daniels Fund Scholar
Huricanette
Peer Mentor (H.S students)
Coca Cola GRADS
HENAAC- College Bowl 2003

PEDRO LUNA

P.O. Box 3573
Edinburg, Texas 78540
(956) 463-7797
plunam@aol.com

OBJECTIVE

I am seeking an internship with a company that is willing to give me a chance to gain on the job experience that coincides with my field of study.

EDUCATION

The University of Texas-Pan American, Edinburg, TX
Bachelor of Science in Mechanical Engineering
Anticipated graduation date: May 2005
Cumulative GPA: 3.313

South Texas Community College, McAllen, TX
Associate of Science in Physics
Graduation date: August 2003

Texas State Technical College, Harlingen, TX
Bachelor of Applied Science in Computer Drafting and Design
Graduation date: August 1997

EMPLOYMENT HISTORY

SimplexGrinnell
1200 E. Hackberry, Suite I
McAllen, TX 78501
Position: Designer
Duties: Drafted and Designed sprinkler system, surveyed buildings, hydraulically calculated the sprinkler systems, and order the corresponding material to complete the job.
September 1997 – March 2003

Texas State Technical College
Financial Aid Office
2424 Boxwood, Harlingen, TX 78550
Position: Workstudy (Clerk)
Duties: General Office Duties
March 1996 – July 1997

ACTIVITIES

Engineering Honor Society (EHS)
American Society of Mechanical Engineers (ASME)
Society of Hispanic Professional Engineers (SHPE)

SKILLS

Fluent in English and Spanish: read, write, and speak
Computer Literate: Word, Excel, Power Point, Auto-Cad, and Pro-Engineering
Good Team Player

REFERENCES AVAILABLE UPON REQUEST

Rodrigo Ivan Lavat

414 E. Loeb
Edinburg, TX. 78541
(956) 316 -3792
rigolavat@yahoo.com

Summer Coors
"Any where"
Good potential
Good communication
Skills

Objective To acquire a professional career opportunity that provides a challenging environment; to utilize all my knowledge and engineering skills to solve problems; to familiarize myself with different people and different working environments; to enjoy a position and perform outstandingly well.

<u>University</u>	<u>High School</u>
University of Texas - Pan American, Senior. Edinburg, TX.	Edinburg North High School. Edinburg, TX.
Major: Mechanical Engineering;	Graduation Date: June 2, 2000
GPA (Cumulative): 3.069 on a 4.0 scale	GPA: 99.5 on a 100-point scale
Expected date of graduation: December 2004	High School Rank: 6 of 572

Courses Automotive Technician, Calculus, Chemistry, Computer Maintenance Technician, Computer Science, Differential Equations, Dynamics, Electrical Systems, Electronic Systems, Engineering Graphics, Engineering Materials, Intermediate Physics, Kinematics & Dynamics of Machines, Mechanics of Solids, Machine Elements, Manufacturing Processes, Statics, and Thermodynamics.

Experience University of Texas-Pan American. Edinburg, TX. 1/03-5/03 & 9/03-present.
Research Assistant
Studies on flame properties in combustion. Detailed research studies on laminar counterflow diffusion flames and their effect on emissions reduction.

General Motors. Shreveport, LA. 5/03-8/03. Summer Intern:
Research on Z-height adjust for 4x4 GM mid-size trucks. Observed and shadowed engineers and plant workers. Resolved tooling equipment problems. Organized work orders for new and old parts. Visited and communicated with parts suppliers.

Allende Nursery. Edinburg, TX. 1/01-5/03. Volunteer, Salesperson, and Maintenance:
Responsible for selling tropical plants at local flea market in Mission, TX. Greeted and assisted clients who were interested in purchasing. Provided for the care of flowers. Assisted in moving and stocking plants.

South Texas Youth Initiative (STYI). Edinburg, TX. 7/01. Volunteer/ Teacher:
Taught basic computer programs to children who attended a summer program; programs being taught included: Microsoft Word, Excel, and a computer language that focused on internet web-page design.

Skills Familiar with Dominion Technologies' Wheel Alignment Machine. Design captain for the rear suspension of a Mini-Baja car. Skilled home mechanic. Have handled automotive shop equipment (i.e. MIG Welder) and computer maintenance equipment. Software: C++ Programming, Microsoft Office 2000 Professional.

Language Bilingual (Fluent in both Spanish and English).

Honors Nominated into Who's Who Among Students in American Universities and Colleges for 2002-2003. Who's Who Among American High School Students. All-American Achievement Academy Honoree. High School Honor Student. "E" Award for excellence in: English, Math, Science, & History (1998, 1999, 2000).

Organizations University:
Society of Automotive Engineers (SAE) – **Officer Position**
University Student Organization Council (U.S.O.C.) official
Society of Hispanic Professional Engineers (SHPE) - Member
NASA/ UTPA Mentors Program.

Summer Employment

Jesus Benavides

2917 Cassie
Edinburg, Tx. 78541
(956)381-1014
JHBEN19@yahoo.com

Objective:

Seeking a summer internship which will allow me to utilize my skills in the field of Mechanical Engineering.

Education:

The University of Texas-Pan American UTPA	Edinburg, Texas
Bachelor of Science in Mechanical Engineering	GPA: 3.7
Expected Graduation Date: May 2005	

Computer Skills:

Microsoft Office, Professional Engineer, Working Model, C++, AutoCad, CFD-RC, LabView, Matlab

Experience:

Combustion Research Assistant	Aug. 2002- May 2002
University of Texas Pan American, Edinburg, Tx	
Ran simulations on the software package CFD-RC	
<ul style="list-style-type: none">• Researched counter flow, partially premixed flames, effects of nitrogen dilution• Used in a lab a gas concentration analyzer, thermocouples, and flowmeters,	

A.V.I.D Tutor	Dec. 2001- May 2002
Edinburg High School, Edinburg, Tx	
<ul style="list-style-type: none">• Helped students on homework in physics, chemistry, algebra, and geometry• Made copies for teachers, filed student records and helped to organize fund raisers	

Organizations:

Member of:	Society of Hispanic Professional Engineers (S.H.P.E)	2001-present
Member of:	National Honors Society	2002-present

References:

Available upon request.